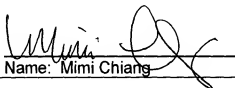




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**CERTIFICATE OF  
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I hereby certify that on May 14, 2003, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Name: Mimi Chiang

**PATENT**

**Applicant:** Richard Boyd  
**Serial No.:** 09/977,479  
**Filed:** October 12, 2001  
**Title:** Stimulation of Thymus for  
Vaccination Development

**Examiner:** M.A. Belyavskyi  
**Group Art Unit:** 1644  
**Atty Docket No.:** 156857/0034

**RECEIVED**

MAY 20 2003

TECH CENTER 1600/2900

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**AMENDMENT**

Sir:

This Amendment and Response is being filed in response to the Office Action mailed 4/14/03. No extension of time is needed.

To being with, Applicant cancels claims 1 - 14 and adds claims 15 - 54.

Applicant elects Group II, drawn to a method for improving vaccination, wherein the method of disrupting sex steroid mediated signaling to the thymus is through administration of pharmaceuticals. In connection with the restriction requirement, Applicant believes all of the newly added claims fall within the elected group, Group II.